



08/403277

PATENT

ATTORNEY DOCKET NO. 03375/003003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kristoph D. Krug et al.
Serial No.:
Filed : Herewith
Title : DEVICE AND METHOD FOR INSPECTION OF BAGGAGE AND OTHER OBJECTS

BOX PATENT APPLICATION

Commissioner of Patents and Trademarks
Washington, DC 20231

PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

In the claims: Cancel claim 1.

Please enter the following claims fully supported by the original disclosure filed on August 10, 1990.

Sub B'
A2
57. A device for detecting plastic explosive objects in packages or luggage which contain harmless plastic, plastic-like or other objects, comprising:

a conveyor for sequentially moving packages or luggage through an inspection region,

a stationary X-ray exposure system located at said inspection region and positioned to expose sequentially said packages or luggage in said inspection region to X-ray radiation of at least two substantially different energies,

a stationary X-ray detection system positioned to detect X-ray radiation transmitted through an item of luggage or package, said detection system providing data corresponding to the intensity of transmitted radiation of said two energies,

a computer operatively connected to said detection system to receive said data and programmed to calculate a value of a

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Date of Deposit 3/13/95

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Mary Jane DiPalma